

**Report Date:** 06 May 2014

**Summary Report for Individual Task**  
**551-88H-1407**  
**Perform Spreader Operations with Haggblunds Crane Using 20- and 40-foot Spreader**  
**Status: Approved**

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD5** - This product/publication has been reviewed by the product developers in coordination with the Fort Lee, VA 23801 foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** Assigned as a Crane Operator given a requirement to perform spreader operations with Haggblunds Crane using 20- and 40-foot spreader in an operational environment, day or night, in normal weather conditions, a completed risk assessment, safety briefing, safety gear, a Haggblunds crane, 20- and 40-foot spreader frames, containers, TM 10-3990-205-12&P, and TC 4-13.17. This task should not be trained in MOPP 4.

**Standard:** Perform spreader operations with Haggblunds crane using the 20- and 40-foot spreader in accordance with TC 4-13.17 without injury to personnel or damage to equipment.

**Special Condition:** None

**Safety Risk:** Medium

**MOPP 4:** Never

Task Statements
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**Cue:** You are assigned as a Crane Operator on the Haggblunds Crane tasked with loading or discharging cargo with the 20- and 40-foot spreader.

## DANGER

Adhere to all DANGER statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

## WARNING

Adhere to all WARNING statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

## CAUTION

Adhere to all CAUTION statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

**Remarks:** None

**Notes:** None

### Performance Steps

#### 1. Perform spreader operations with Hagglands crane.

- a. Attach tag lines to the spreader frame.
- b. Attach the spreader to the cargo hook.
- c. Wait for signalman's signal to hoist.
- d. Move the spreader horizontally until alignment flippers make contact with the ends of the container.
- e. Lower the spreader onto the container when the signalman gives the signal.
- f. Check that all four bayonet cones lock evenly into all four container corner fittings.

Note: The automatic spreader can be locked from the inside of the cab on the Hagglands crane.

#### 2. Lift containers using 20- and 40-foot spreaders.

- a. Hoist the container when the signalman gives the signal.
- b. Move the container to the designated stowage area on the vessel.
- c. Align the container over the cell guides on the hatch being loaded or on the designated spot on the vessel's deck.
- d. Lower the container slowly into the hatch or onto the deck when the signalman gives the signal.
- e. Unlock the spreader from the container.

Note: 1. The automatic container spreader can be unlocked from the inside of the cab on the Hagglands crane.

#### 2. Ensure the operator performs these functions using both the 20-foot and 40-foot spreaders.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all performance steps are passed (P). Score the Soldier NO-GO if any performance step is failed (F). If the Soldier fails any step, show what was done wrong and how to do it correctly.

**Evaluation Preparation:** Ensure that all information, references and equipment required to perform the task are available. Use the TC and the Evaluation Guide to score the Soldier's performance. Brief the Soldier. Tell the Soldier what is required IAW the task condition and standard.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed spreader operations with Hagglands crane.			
2. Lifted containers using 20- and 40-foot spreaders.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	HAGGLUNDS CRANE OP MANUAL	Hagglunds Hydraulic Deck Crane Manual	No	No
	TC 4-13.17	Cargo Specialist's Handbook	Yes	No
	TM 10-3990-205-12&P	OPERATORS UNIT MAINTENANCE MANUAL AND REPAIR PARTS AND SPECIAL TOOLS LIST FOR SPREADER, LIFTING, ISO AND INTERMODAL FREIGHT CONTAINERS;TYPE II, TOP LIFT, SEMI AUTOMATIC TLS MODEL 214LS20 (NSN 3990-01-25	Yes	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training doctrine includes sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste.

Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take. Leaders bring focus, direction, and commitment to environmental protection. Commanding officers should ensure the following environmental programs are in place and are being maintained:

- Hazardous materials program.
- Hazardous waste program.
- Hazardous communications program.
- Pollution prevention and hazardous waste minimization recycling program.
- Spill prevention and response plan program.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. All Soldiers and leaders must maintain a proactive posture towards safety in day-to-day operations. The need for total commitment to safety should be evident to commanders, senior Soldiers, and their subordinates. The importance of safety is intensified for personnel conducting Hagglunds Crane operations. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Danger, Warning and Caution statements and remain aware of the following:

- Personnel in the area of operation
- Danger of unbalanced/suspended loads

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard. Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task.

- (a) Take personal responsibility.
- (b) Practice safe operations.
- (c) Recognize unsafe acts and conditions.
- (d) Take action to prevent accidents.
- (e) Report unsafe acts and conditions.
- (f) Work as a team.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
551-88H-1421	Signal Hagglunds Crane Operator Using Standard Hand Signals	551 - Transportation (Individual)	Approved

**Supported Individual Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
551-88H-2407	Direct Spreader Operations with Hagglunds Crane using 20- and 40-foot Spreader	551 - Transportation (Individual)	Approved
551-88H-2412	Supervise Stowage of Containers Aboard a Cargo Vessel	551 - Transportation (Individual)	Approved
551-88H-1403	Prepare Hagglunds Crane for Operation	551 - Transportation (Individual)	Approved

**Supported Collective Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
55-2-1408	Conduct Cargo Transfer Operations.	55 - Transportation (Collective)	Approved

**ICTL Data :**

<b>ICTL Title</b>	<b>Personnel Type</b>	<b>MOS Data</b>
MOS 88H - CARGO SPECIALIST SL4	Enlisted	MOS: 88H, Skill Level: SL4, Duty Pos: TGI
MOS 88H - CARGO SPECIALIST SL1	Enlisted	MOS: 88H, Skill Level: SL1, Duty Pos: TAZ
MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW
MOS 88H - CARGO SPECIALIST SL3	Enlisted	MOS: 88H, Skill Level: SL3, Duty Pos: TBA